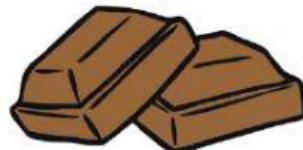


**Year 4 Science - Week 3 Lesson 2**  
**LO: I can investigate materials as they change.**

# Chocolate Experiment



## What you need:

- A camera to record your experiment.
- Plain Chocolate (no cookies, nuts or filling etc.)
- 1 x plate
- Stopwatch
- The weather report for the day.

## The Experiment

1. Place a piece of chocolate on a plate.
2. Get your stopwatch ready
3. Look at the weather(degrees) on your phone/device.
4. Place the chocolate outside and start your stopwatch.
5. Watch while the chocolate melts.
6. Complete the worksheet after your experiment.
7. Send a recording of the experiment to your teacher.



a. What state is the chocolate before the experiment?	b. What time of the day is it?	c. What is the temperature reported on your weather app?	d. How long did it take for the chocolate to melt?	e. What state is the chocolate after the experiment?

What other solids can you think of that might melt if it is left in the sun?